

The angle formed by the tangent line of P and the straight line PF_1 at the point P on the ellipse with the focus F_1 and F_2 and the angle formed by the tangent line of P and the straight line PF_2 are the same.

초점이 점 F_1 , 점 F_2 인 타원에서 타원상의 점 P에서 P의 접선과 직선 PF_1 이 이루는 각과 P의 접선과 직선 PF_2 가 이루는 각의 크기는 같다.

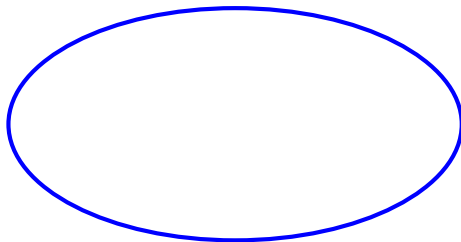
(The angle formed by the tangent line of P and the straight line PF_1 at the point P on the ellipse with the focus F_1 and F_2 and the angle formed by the tangent line of P and the straight line PF_2 are the same.)

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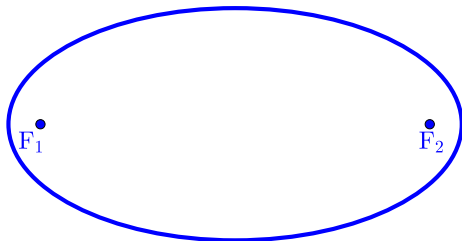
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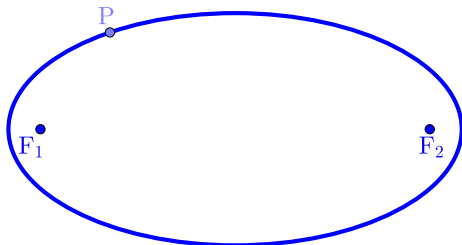
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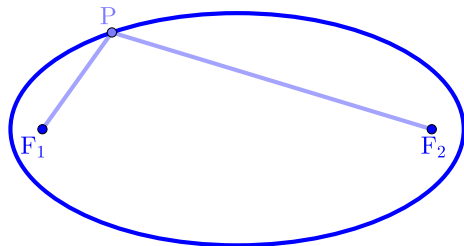
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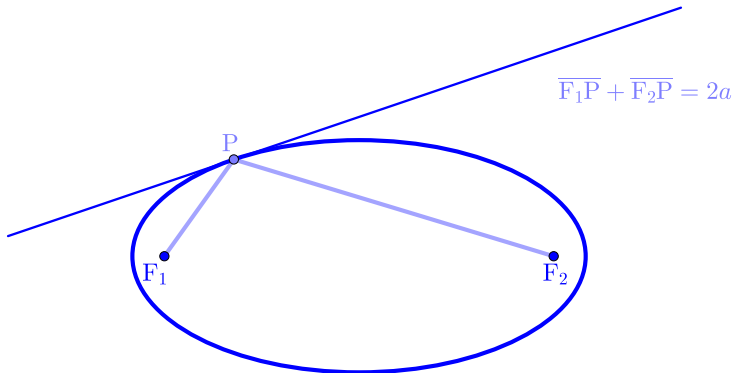
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$$\overline{F_1P} + \overline{F_2P} = 2a$$



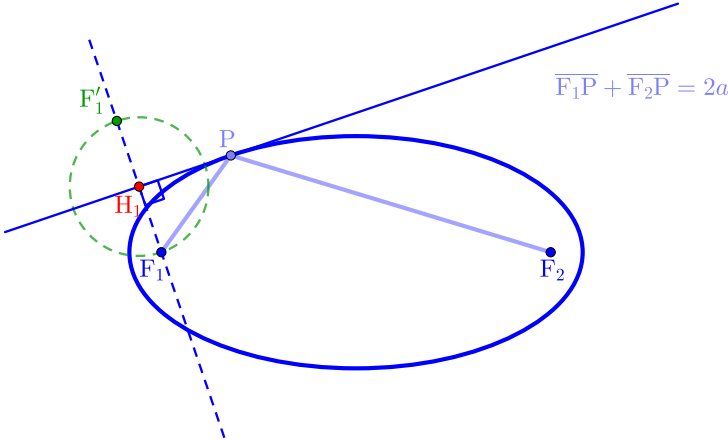
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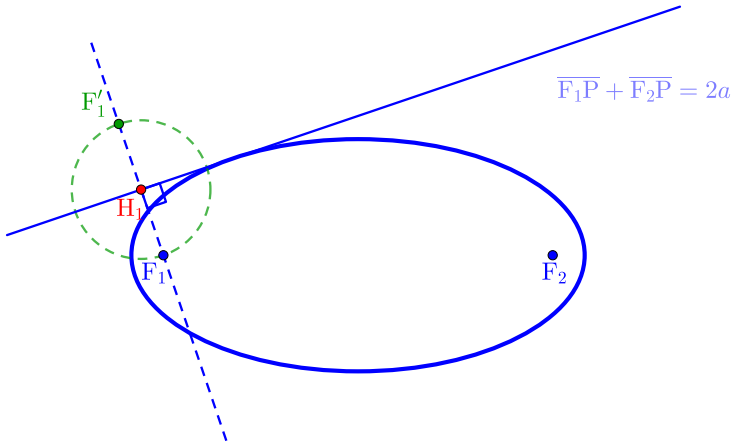
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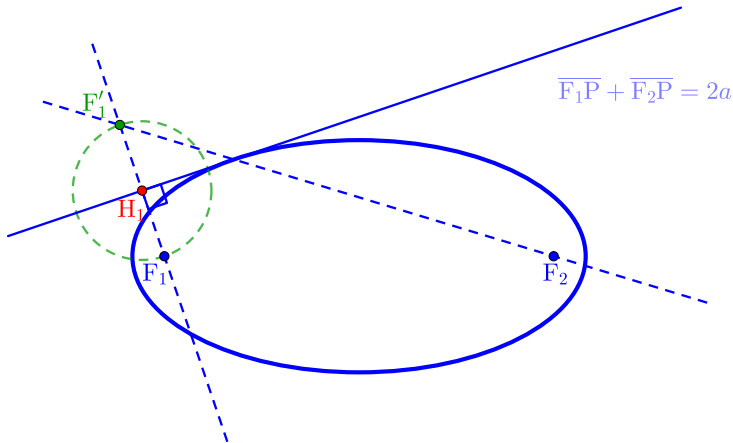
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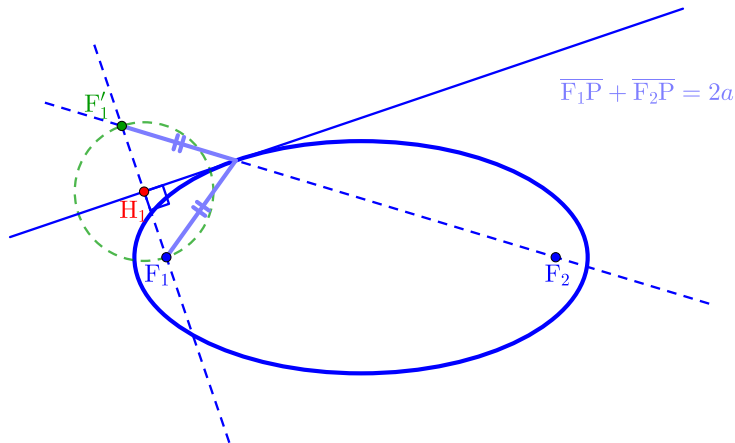
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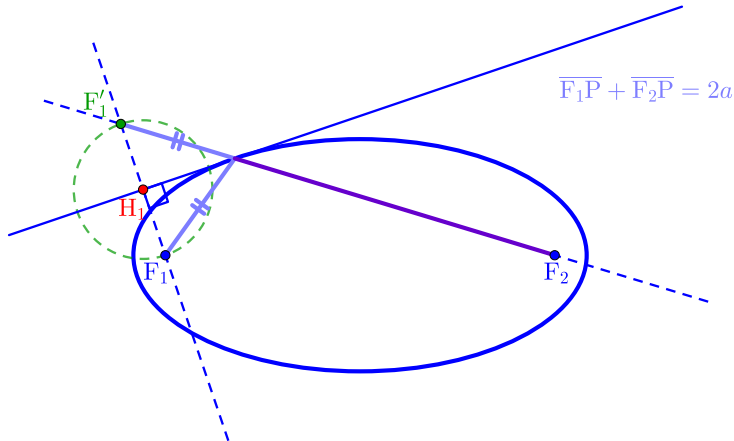
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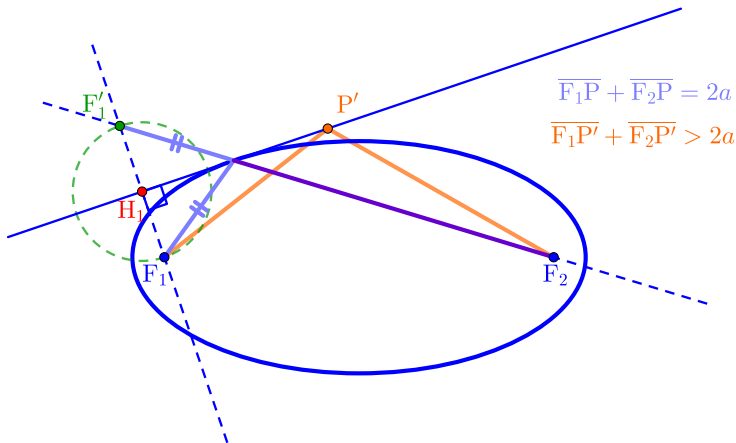
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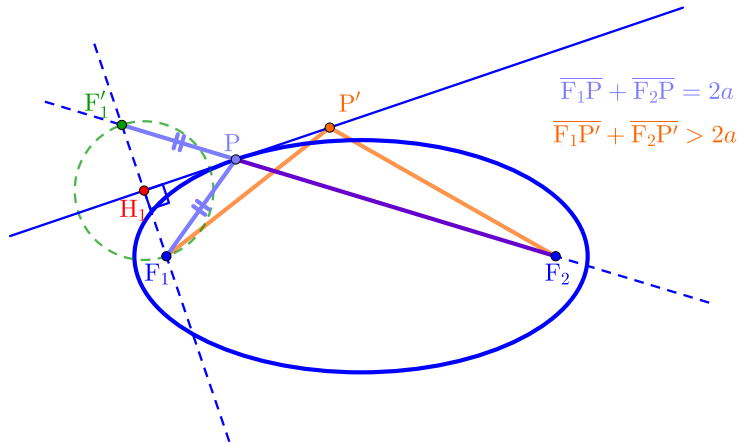
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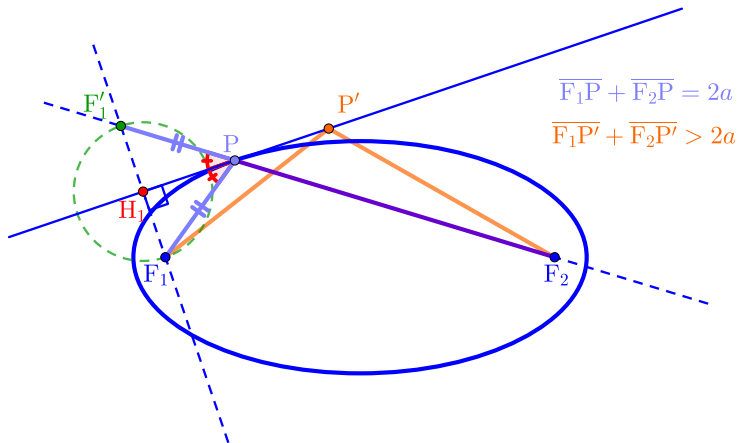
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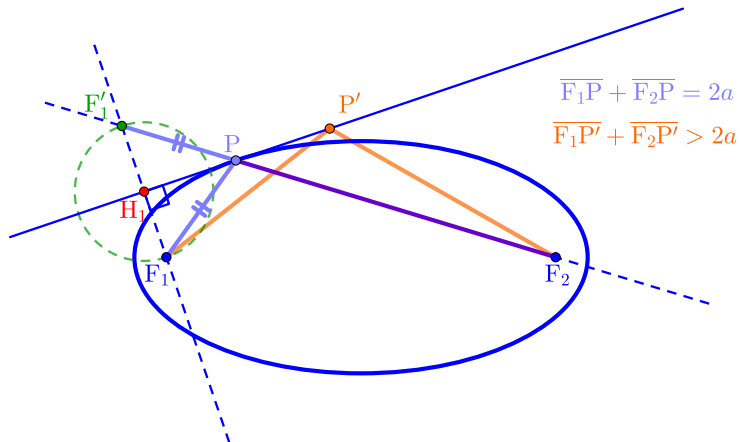
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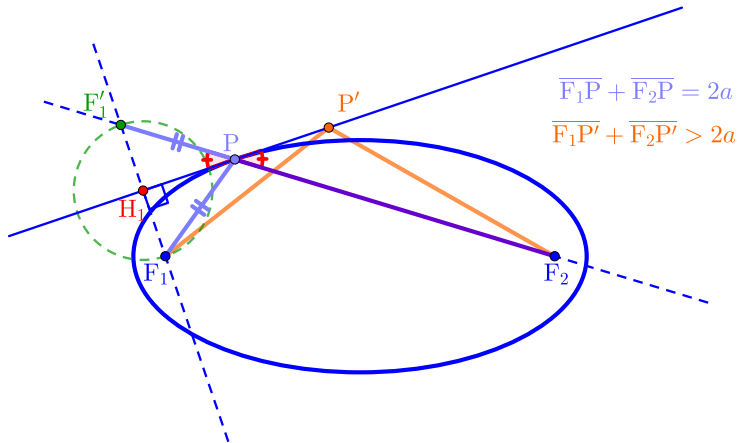
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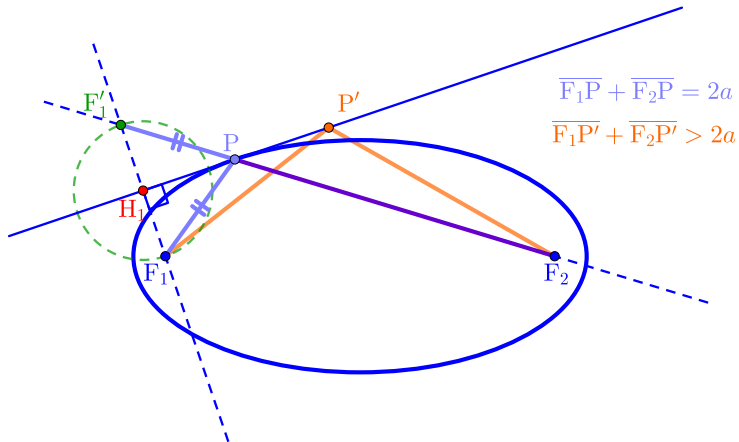
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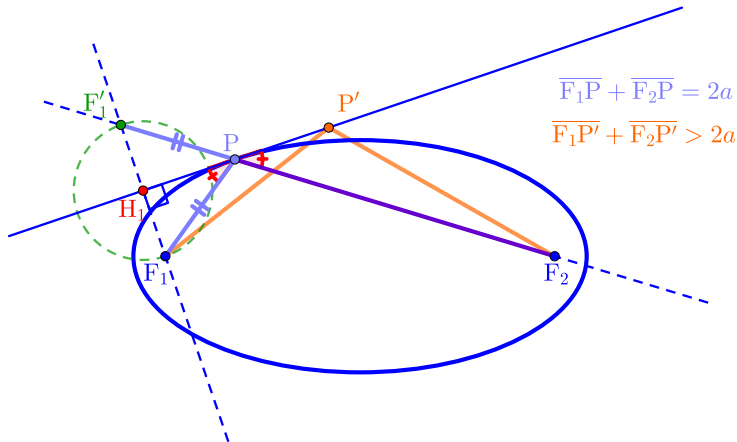
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